<u>IN THE CLAIMS</u>

Please amend the claims as follows:

Claims 1-22 (Canceled)

Claim 23 (Currently Amended): An apparatus for reproducing information from an information medium as defined in claim ~~20~~ 24, said apparatus comprising:

a first reproducer configured to reproduce the management information from the management area; and

a second reproducer configured to reproduce the stream data from the data area.

Claim 24 (New): An information medium for recording stream data of MPEG-TS in accordance with a hierarchical data structure, comprising:

a data area configured to store a stream object corresponding to the stream data, the stream object including one or more stream data units, and the one or more stream data units including one or more pairs of a time-stamp and a transport stream packet; and

a management area, located at an area other than said data area, configured to store management information of the stream object, wherein,

said management information, which is configured to control when the stream object is to be displayed or reproduced, includes an area configured to store first copy management information of the stream object,

the at least one stream data unit stores a second data unit including information of the one or more pairs of said time-stamp and said transport stream packet,

said second data unit, stored in at least one of the stream data units, includes a header containing time-related information with respect to the transport stream packet,

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said second data unit, stored in the at least one stream data unit, includes second copy management information indicating a copyright state of the information of the transport stream packet,

a copyright information of the stream object is configured to be managed by said first and second copy management information, and

said management area includes information indicating presentation timestamp information items and a corresponding point in the stream data, wherein recording locations of the presentation timestamp information items are configured to be different from those of the transport packets included in said stream blocks.

Claim 25 (New) A method of recording information on an information medium configured to have a data structure comprising a data area configured to store a stream object corresponding to the stream data, the stream object including one or more stream data units, and the one or more stream data units including one or more pairs of a time-stamp and a transport stream packet and a management area, located at an area other than said data area, configured to store management information of the stream object, wherein,

said management information, which is configured to control when the stream object is to be displayed or reproduced, includes an area configured to store first copy management information of the stream object,

the at least one stream data unit stores a second data unit including information of the one or more pairs of said time-stamp and said transport stream packet,

said second data unit, stored in at least one of the stream data units, includes a header containing time-related information with respect to the transport stream packet,

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said second data unit, stored in the at least one stream data unit, includes second copy

management information indicating a copyright state of the information of the transport

stream packet,

a copyright information of the stream object is configured to be managed by said first

and second copy management information, and

said management area includes information indicating presentation timestamp

information items and a corresponding point in the stream data, wherein recording locations

of the presentation timestamp information items are configured to be different from those of

the transport packets included in said stream blocks,

said method comprising:

recording the stream data on the data area; and

recording the management information on the management area.

Claim 27 (New): A method of reproducing information from an information medium

configured to have a data structure comprising a data area configured to store a stream object

corresponding to the stream data, the stream object including one or more stream data units,

and the one or more stream data units including one or more pairs of a time-stamp and a

transport stream packet and a management area, located at an area other than said data area,

configured to store management information of the stream object, wherein,

said management information, which is configured to control when the stream object

is to be displayed or reproduced, includes an area configured to store first copy management

information of the stream object,

the at least one stream data unit stores a second data unit including information of the

one or more pairs of said time-stamp and said transport stream packet,

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said second data unit, stored in at least one of the stream data units, includes a header

containing time-related information with respect to the transport stream packet,

said second data unit, stored in the at least one stream data unit, includes second copy

management information indicating a copyright state of the information of the transport

stream packet,

a copyright information of the stream object is configured to be managed by said first

and second copy management information, and

said management area includes information indicating presentation timestamp

information items and a corresponding point in the stream data, wherein recording locations

of the presentation timestamp information items are configured to be different from those of

the transport packets included in said stream blocks,

said method comprising:

reproducing the management information from the management area; and

reproducing the stream data from the data area.